

METHODS AND COMPOSITIONS FOR TREATMENT OF AUTOIMMUNE DISEASES

**ABSTRACT**

The present invention provides methods and compositions for treating autoimmune diseases and other unwanted immune reactions comprising administering a copolymer that binds to one or more HLA-DQ molecules and modulates DQ-restricted T cell responses. The copolymers are random copolymers of amino acids and copolymers comprising anchor residues to facilitate binding to the DQ binding pockets.